BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Asphalting to Sainagara phase-I and surrounding ares in ward no-03 Yelahanka satellite Town sub Division

PRE MEASUREMENT SHEET - First and Part Bill

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.1		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications 5km lead= 57+2.0x1.28x5 =69.80 complete as per specifications and directions of the Engineer in charge.									
Measurements taken on											
		New CC Drain									
		muniswamappa layout									
		2nd cross road									
		RHS									
		From Collage To Dead End									
0	15		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
15	30		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
30	45		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
45	60		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
60	75		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
75	90		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
90	105		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
105	120		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
120	135		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
135	150		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
150	165		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
165	180		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
180	195		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
195	210		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
210	225		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
225	240		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
240	255		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
255	267.3		cum	1	12.30	1.25	1.25	1.25	0.90	13.84	
267.3	272.8	New culvert									
272.8	285		cum	1	12.20	1.25	1.25	1.25	0.90	13.73	
285	300		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
300	305.5		cum	1	5.50	1.25	1.25	1.25	0.90	6.19	
		Cross Road									
		LHS									
		From 2nd Cross Road to 1st Cross Road									
0	15		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
15	25.4		cum	1	10.40	1.25	1.25	1.25	0.90	11.70	
		RHS									
		From 1st Cross Road to 2nd Cross Road									
0	15		cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
15	25.8		cum	1	10.80	1.25	1.25	1.25	0.90	12.15	
		Drain Connecting To Anugraha lyt to 1st muniswamappa layout									
0	12.1		Cum	1	12.10	1.25	1.25	1.25	0.90	13.61	
		muniswamappa layout									
0	12.1		Cum	1	12.10	1.25	1.25	1.25	0.90	13.61	

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ

Assistant Executive Engineer

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		Anugraha layout									
		1st cross									
		LHS									
		From 1st Main Road To 2nd Main Road									
0	15		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
15	30		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
30	45		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
45	60		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
60	67.3		Cum	1	7.30	1.25	1.25	1.25	0.90	8.21	
67.3	76.4	NO WORK	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
76.4	91.4		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
91.4	106.4		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
106.4	121.4		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
121.4	130.6	HOUSE BREAK	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
		RHS									
		From 2nd Main Road To 1st Main Road									
0	11.5		Cum	1	11.50	1.25	1.25	1.25	0.90	12.94	
11.5	20.3	NO WORK	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
20.3	35.3		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
35.3	50.3		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
50.3	65.3		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
65.3	80.3		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
80.3	95.3		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
95.3	110.3		Cum	1	15.00	1.25	1.25	1.25	0.90	16.88	
110.3	129.9		Cum	1	19.60	1.25	1.25	1.25	0.90	22.05	
		2nd main Road									
		RHS									
		From 1st Cross Road To 2nd Cross road									
0	25		Cum	1	25.00	1.25	1.25	1.25	0.90	28.13	
		1st main Road									
		From Sai Nagar 1st main									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15	20.5		Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
20.5	35.5		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
35.5	46.5		Cum	1	11.00	1.10	1.10	1.10	0.90	10.89	
46.5	52.8		Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
52.8	67.8		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
67.8	87.7		Cum	1	19.90	1.10	1.10	1.10	0.90	19.70	
		3rd Cross Road									
		LHS									
		From Sai nagar 1st Main To Dead End									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
30	45		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
45	60		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
60	63.3		Cum	1	3.30	1.10	1.10	1.10	0.90	3.27	
		RHS									
		FromDead End to Sai nagar 1st Main									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
30	45		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
45	60		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
60	63.5		Cum	1	3.50	1.10	1.10	1.10	0.90	3.47	

RUDRAPRASAD CONSULTANTS P.V. BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		4th Cross Road									
		LHS									
		From Sai nagar 1st Main To Dead End									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
30	42.65		Cum	1	12.65	1.10	1.10	1.10	0.90	12.52	
42.65	57.65		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
57.65	68.95		Cum	1	11.30	1.10	1.10	1.10	0.90	11.19	
68.95	72.85		Cum	1	3.90	1.10	1.10	1.10	0.90	3.86	
72.85	85.15		Cum	1	12.30	1.10	1.10	1.10	0.90	12.18	
		RHS									
		FromDead End to Sai nagar 1st Main									
0	23		Cum	1	23.00	1.10	1.10	1.10	0.90	22.77	
23	35.3		Cum	1	12.30	1.10	1.10	1.10	0.90	12.18	
35.3	50.3		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
50.3	67.1		Cum	1	16.80	1.10	1.10	1.10	0.90	16.63	
67.1	72.3	NoWork	Cum	1	5.20	0.00	0.00	0.00	0.60	0.00	
72.3	84.7		Cum	1	12.40	1.10	1.10	1.10	0.90	12.28	
		Culvert									
		muniswamappa layout									
		2nd cross road									
			Cum	1	5.50	1.30	1.30	1.30	1.00	7.15	
		Anugraha layout									
		1st main Road									
			Cum	1	5.50	1.30	1.30	1.30	1.00	7.15	
			Cum	1	6.30	1.30	1.30	1.30	1.00	8.19	
		Rain Water Harvesting									
			Cum	5				0.31	1.80	2.81	
					(3.142X0.63X0.63)/4=0.31						
									Total Executed Quantity	1102.00	
									Quantity Carried to Summary	1102.00	

RUDRAPRASAD CONSULTANTS BANGALORE

tractor

PMC

Assistant Engineer

Executive Engineer

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.2		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on											
		Drain PCC									
		muniswamappa layout									
		2nd cross road									
		RHS									
		From Collage To Dead End									
0	15		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
15	30		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
30	45		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
45	60		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
60	75		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
75	90		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
90	105		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
105	120		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
120	135		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
135	150		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
150	165		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
165	180		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
180	195		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
195	210		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
210	225		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
225	240		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
240	255		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
255	267.3		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
267.3	272.8	New culvert			12.30	1.25	1.25	1.25	0.15	2.31	
272.8	285		cum	1	12.20	1.25	1.25	1.25	0.15	0.00	
285	300		cum	1	15.00	1.25	1.25	1.25	0.15	2.29	
300	305.5		cum	1	5.50	1.25	1.25	1.25	0.15	2.81	
		Cross Road								1.03	
		LHS									
		From 2nd Cross Road to 1st Cross Road									
0	15		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
15	25.4		cum	1	10.40	1.25	1.25	1.25	0.15	1.95	
		RHS									
		From 1st Cross Road to 2nd Cross Road									
0	15		cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
15	25.8		cum	1	10.80	1.25	1.25	1.25	0.15	2.03	
		Drain Connecting To Anugraha lyt to 1st muniswamappa layout									
0	12.1		Cum	1	12.10	1.25	1.25	1.25	0.15	2.27	
		muniswamappa layout									
0	12.1		Cum	1	12.10	1.25	1.25	1.25	0.15	2.27	
		Anugraha layout									
		1st cross									
		LHS									
		From 1st Main Road To 2nd Main Road									
0	15		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
15	30		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

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Assistant Executive Engineer

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
30	45		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
45	60		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
60	67.3		Cum	1	7.30	1.25	1.25	1.25	0.15	1.37	
67.3	76.4	NO WORK	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
76.4	91.4		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
91.4	106.4		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
106.4	121.4		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
121.4	130.6	HOUSE BREAK	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
		RHS									
		From 2nd Main Road To 1st Main Road									
0	11.5		Cum	1	11.50	1.25	1.25	1.25	0.15	2.16	
11.5	20.3	NO WORK	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
20.3	35.3		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
35.3	50.3		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
50.3	65.3		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
65.3	80.3		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
80.3	95.3		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
95.3	110.3		Cum	1	15.00	1.25	1.25	1.25	0.15	2.81	
110.3	129.9		Cum	1	19.60	1.25	1.25	1.25	0.15	3.68	
		2nd main Road									
		RHS									
		From 1st Cross Road To 2nd Cross road									
0	25		Cum	1	25.00	1.25	1.25	1.25	0.15	4.69	
		1st main Road									
		From Sai Nagar 1st main									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	20.5		Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
20.5	35.5		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
35.5	46.5		Cum	1	11.00	1.10	1.10	1.10	0.15	1.82	
46.5	52.8		Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
52.8	67.8		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
67.8	87.7		Cum	1	19.90	1.10	1.10	1.10	0.15	3.28	
		Sainagar Phase-II									
		3rd Cross Road									
		LHS									
		From Sai nagar 1st Main To Dead End									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45	60		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60	63.3		Cum	1	3.30	1.10	1.10	1.10	0.15	0.54	
		RHS									
		FromDead End to Sai nagar 1st Main									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45	60		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60	63.5		Cum	1	3.50	1.10	1.10	1.10	0.15	0.58	
		4th Cross Road									
		LHS									
		From Sai nagar 1st Main To Dead End									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30	42.65		Cum	1	12.65	1.10	1.10	1.10	0.15	2.09	

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

Assistant Executive Engineer

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
12.65	57.65		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
57.65	68.95		Cum	1	11.30	1.10	1.10	1.10	0.15	1.86	
68.95	72.85		Cum	1	3.90	1.10	1.10	1.10	0.15	0.64	
72.85	85.15		Cum	1	12.30	1.10	1.10	1.10	0.15	2.03	
		RHS									
		FromDead End to Sai nagar 1st Main									
0	23		Cum	1	23.00	1.10	1.10	1.10	0.15	3.80	
23	35.3		Cum	1	12.30	1.10	1.10	1.10	0.15	2.03	
35.3	50.3		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
50.3	67.1		Cum	1	16.80	1.10	1.10	1.10	0.15	2.77	
67.1	72.3	NoWork	Cum	1	5.20						
72.3	84.7		Cum	1	12.40	1.10	1.10	1.10	0.15	2.05	
		Culvert									
		muniswamappa layout									
		2nd cross road									
			Cum	1	5.50	1.30	1.30	1.30	0.15	1.07	
		Anugraha layout									
		1st main Road									
			Cum	1	5.50	1.30	1.30	1.30	0.15	1.07	
			Cum	1	6.30	1.30	1.30	1.30	0.15	1.23	
									Total Executed Quantity	182.82	
									Quantity Carried to Summary	182.82	

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Executive Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೆಂಗಳೂರು-106

Chainage		Description of work	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.4		Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on											
		For Drain	Tonne		From calculation sheet					20.39	
		For Culvert	Tonne		From calculation sheet					0.88	
									Total Executed Quantity	21.27	
									Quantity Carried to Summary	21.27	

RUDRAPRASAD CONSULTANTS BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
Assistant Executive Engineer

From	To		Unit	No	Length	Breadth			Depth	Quantity	Remarks
					(m)	B1	B2	Avg B	(m)		
Item no.7		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
Measurements taken on											
		muniswamappa layout									
		2nd cross									
		RHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
15	30		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
60	75		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
75	90		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
90	105		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
105	120		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
120	135		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
135	150		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
150	165		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
165	180		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
180	195		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
195	210		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
210	225		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
225	240		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
240	266.8		Cum	1	26.80	0.20	0.20	0.20	0.05	0.15	
266.8	272.3	NEW CULVERT					0.00	0.00		0.27	
272.3	287.3		Cum	1	15.00	0.20	0.20	0.20	0.05	0.00	
287.3	305.8		Cum	1	18.50	0.20	0.20	0.20	0.05	0.15	
		cross road								0.19	
		LHS									
0	25.1		Cum	1	25.10	0.20	0.20	0.20	0.05	0.25	
		RHS									
0	25.1		Cum	1	25.10	0.20	0.20	0.20	0.05	0.25	
		1st cross									
		LHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
15	30		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
60	75		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
75	90		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
90	105		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
105	120		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
120	135		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
135	150		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
150	165		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
165	180		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
180	195		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
195	210		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
210	225		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
225	240		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
240	255.7		Cum	1	15.70	0.20	0.20	0.20	0.05	0.16	
255.7	261.9										
261.9	276.9	Road break	Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
276.9	299.2		Cum	1	22.30	0.20	0.20	0.20	0.05	0.22	

RUDRAPRASAD CONSULTANTS BANGALORE

Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನಾಡಪ್ರಭು ಕೆಂಪೇಗೌಡ ಉಪವಿಭಾಗ-2
ಬೆಂಗಳೂರು-106

From	To		Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
72.3	84.7		Cum	1	12.40	0.20	0.20	0.20	0.05	0.12	
		Sai Archid									
		Sai Archid 1st Cross									
		L H S									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
15	30.1	30.1 to 34.8 Culvert	Cum	1	15.10	0.20	0.20	0.20	0.05	0.15	
34.8	49.8		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
49.8	64.8		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
64.8	71.5	71.5 to 78 Culvert	Cum	1	6.70	0.20	0.20	0.20	0.05	0.15	
78	93		Cum	1	15.00	0.20	0.20	0.20	0.05	0.07	
93	108		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
108	111.3		Cum	1	3.30	0.20	0.20	0.20	0.05	0.15	
		R H S								0.03	
0	15		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
15	30		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
60	75		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
75	90		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
90	105		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
105	109.9		Cum	1	4.90	0.20	0.20	0.20	0.05	0.05	
		2nd Cross Road									
		LHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
15	30		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
30	45		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
45	60		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
60	75		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
75	90		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
90	105		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
105	110.2		Cum	1	5.20	0.20	0.20	0.20	0.05	0.05	
		RHS									
0	15		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
15	24.1	24.1 to 36.6 house Break	Cum	1	9.10	0.20	0.20	0.20	0.05	0.09	
36.6	51.6		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
51.6	66.6		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
66.6	81.6		Cum	1	15.00	0.20	0.20	0.20	0.05	0.15	
81.6	97.5		Cum	1	15.90	0.20	0.20	0.20	0.05	0.16	
									Total Executed Quantity	16.43	
									Quantity Carried to Summary	16.43	

HIRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಬೆಂಗಳೂರು-106

From	To			Breadth				Depth	Quantity	Remarks
				(m)	B1	B2	Avg B	(m)		
Item no.10		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead, complete as per specifications and directions of the Engineer in charge.								
Measurements taken on										
		muniswamappa layout								
		2nd cross								
		From Collage To Dead End								
0	15		Cum	1	15.00	5.10	6.00	5.55	0.50	41.63
15	30		Cum	1	15.00	6.00	6.00	6.00	0.50	45.00
30	45		Cum	1	15.00	6.00	6.10	6.05	0.50	45.38
45	60		Cum	1	15.00	6.10	6.10	6.10	0.50	45.75
60	75		Cum	1	15.00	6.10	6.40	6.25	0.50	46.88
75	90		Cum	1	15.00	6.40	6.40	6.40	0.50	48.00
90	105		Cum	1	15.00	6.40	6.40	6.40	0.50	48.00
105	120		Cum	1	15.00	6.40	6.30	6.35	0.50	47.63
120	135		Cum	1	15.00	6.30	6.30	6.30	0.50	47.25
135	150		Cum	1	15.00	6.30	6.15	6.23	0.50	46.69
150	165		Cum	1	15.00	6.15	6.20	6.18	0.50	46.31
165	180		Cum	1	15.00	6.20	6.00	6.10	0.50	45.75
180	195		Cum	1	15.00	6.00	5.70	5.85	0.50	43.88
195	210		Cum	1	15.00	5.70	6.10	5.90	0.50	44.25
210	225		Cum	1	15.00	6.10	6.20	6.15	0.50	46.13
225	240		Cum	1	15.00	6.20	5.40	5.80	0.50	43.50
240	255		Cum	1	15.00	5.40	5.70	5.55	0.50	41.63
255	270		Cum	1	15.00	5.70	6.00	5.85	0.50	43.88
270	285		Cum	1	15.00	6.00	6.40	6.20	0.50	46.50
285	300		Cum	1	15.00	6.40	5.70	6.05	0.50	45.38
300	305.7		Cum	1	5.70	5.70	5.30	5.50	0.50	15.68
		muniswamappa layout								
		cross road								
		From 2nd Cross to 1st Cross Road								
0	15		Cum	1	15.00	5.30	4.60	4.95	0.50	37.13
15	25.2		Cum	1	10.20	4.60	4.70	4.65	0.50	23.72
		Havyaka Nagar								
		3rd Cross road								
0	24		Cum	1	24.00	6.00	6.00	6.00	0.50	72.00
		Anugraha layout								
		1st cross road								
		From 1st Main To 2nd main								
0	15		Cum	1	15.00	5.30	5.30	5.30	0.50	39.75
15	30		Cum	1	15.00	5.30	4.90	5.10	0.50	38.25
30	45		Cum	1	15.00	4.90	5.20	5.05	0.50	37.88
45	60		Cum	1	15.00	5.20	5.30	5.25	0.50	39.38
60	75		Cum	1	15.00	5.30	5.10	5.20	0.50	39.00
75	90		Cum	1	15.00	5.10	5.30	5.20	0.50	39.00
90	105		Cum	1	15.00	5.30	5.30	5.30	0.50	39.75
105	130		Cum	1	25.00	5.30	5.00	5.15	0.50	64.38

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
Assistant Executive Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

		From 1st Main To 2nd main							(m)		
0	15		Cum	1	15.00	4.90	4.60	4.75	0.50	35.63	
15	30		Cum	1	15.00	4.60	5.10	4.85	0.50	36.38	
30	45		Cum	1	15.00	5.10	4.70	4.90	0.50	36.75	
45	60		Cum	1	15.00	4.70	5.00	4.85	0.50	36.38	
60	75		Cum	1	15.00	5.00	5.10	5.05	0.50	37.88	
75	90		Cum	1	15.00	5.10	4.70	4.90	0.50	36.75	
90	105		Cum	1	15.00	4.70	5.30	5.00	0.50	37.50	
105	120		Cum	1	15.00	5.30	5.20	5.25	0.50	39.38	
120	128.6		Cum	1	8.60	5.20	5.40	5.30	0.50	22.79	
		2nd main									
		From 3rd Cross to Havyaka Nagar main Road									
0	30		Cum	1	30.00	6.10	6.80	6.45	0.50	96.75	
30	60		Cum	1	30.00	6.80	6.50	6.65	0.50	99.75	
60	90		Cum	1	30.00	6.50	6.00	6.25	0.50	93.75	
90	109.6		Cum	1	19.60	7.40	6.40	6.90	0.50	67.62	
		1st main									
		From Sai Nagar 1st Main To 1st Cross Anugraha layout									
0	30		Cum	1	30.00	5.00	6.10	5.55	0.50	83.25	
30	60		Cum	1	30.00	6.10	6.00	6.05	0.50	90.75	
60	68.2		Cum	1	8.20	6.00	6.10	6.05	0.50	24.81	
		Deduction									
		UGD Chambers	Cum	-15	0.64				0.50	-4.72	
					Area of Circle=(3.14*0.9^2)/4)=0.64						
		Receiving Chamber	Cum	-44	0.50	0.50	0.50	0.50	0.50	-5.50	
									Total Executed Quantity	2261.09	
									Quantity Carried to Summary	2261.09	

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

					(m)	B1	B2	Avg B	(m)		
Item no.13		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOMcomplete as per specifications and directions of the Engineer in charge.									
Measurements taken on											
		muniswamappa layout									
		2nd cross									
		From Collage To Dead End									
0	15		Sqm	1	15.00	5.10	6.00	5.55		83.25	
15	30		Sqm	1	15.00	6.00	6.00	6.00		90.00	
30	45		Sqm	1	15.00	6.00	6.10	6.05		90.75	
45	60		Sqm	1	15.00	6.10	6.10	6.10		91.50	
60	75		Sqm	1	15.00	6.10	6.40	6.25		93.75	
75	90		Sqm	1	15.00	6.40	6.40	6.40		96.00	
90	105		Sqm	1	15.00	6.40	6.40	6.40		96.00	
105	120		Sqm	1	15.00	6.40	6.30	6.35		95.25	
120	135		Sqm	1	15.00	6.30	6.30	6.30		94.50	
135	150		Sqm	1	15.00	6.30	6.15	6.23		93.38	
150	165		Sqm	1	15.00	6.15	6.20	6.18		92.63	
165	180		Sqm	1	15.00	6.20	6.00	6.10		91.50	
180	195		Sqm	1	15.00	6.00	5.70	5.85		87.75	
195	210		Sqm	1	15.00	5.70	6.10	5.90		88.50	
210	225		Sqm	1	15.00	6.10	6.20	6.15		92.25	
225	240		Sqm	1	15.00	6.20	5.40	5.80		87.00	
240	255		Sqm	1	15.00	5.40	5.70	5.55		83.25	
255	270		Sqm	1	15.00	5.70	6.00	5.85		87.75	
270	285		Sqm	1	15.00	6.00	6.40	6.20		93.00	
285	300		Sqm	1	15.00	6.40	5.70	6.05		90.75	
300	305.7		Sqm	1	5.70	5.70	5.30	5.50		31.35	
		muniswamappa layout									
		cross road									
		From 2nd Cross to 1st Cross Road									
0	15		Sqm	1	15.00	5.30	4.60	4.95		74.25	
15	25.2		Sqm	1	10.20	4.60	4.70	4.65		47.43	
		Havyaka Nagar									
		3rd Cross road									
0	24		Sqm	1	24.00	6.00	6.00	6.00		144.00	
		Anugraha layout									
		1st cross road									
		From 1st Main To 2nd main									
0	15		Sqm	1	15.00	5.30	5.30	5.30		79.50	
15	30		Sqm	1	15.00	5.30	4.90	5.10		76.50	
30	45		Sqm	1	15.00	4.90	5.20	5.05		75.75	
45	60		Sqm	1	15.00	5.20	5.30	5.25		78.75	
60	75		Sqm	1	15.00	5.30	5.10	5.20		78.00	
75	90		Sqm	1	15.00	5.10	5.30	5.20		78.00	
90	105		Sqm	1	15.00	5.30	5.30	5.30		79.50	
105	130		Sqm	1	25.00	5.30	5.00	5.15		128.75	

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

		From 1st Main To 2nd main						Avg B	(m)	
	15		Sqm	1	15.00	4.90	4.60	4.75		71.25
0	30		Sqm	1	15.00	4.60	5.10	4.85		72.75
15	45		Sqm	1	15.00	5.10	4.70	4.90		73.50
30	60		Sqm	1	15.00	4.70	5.00	4.85		72.75
45	75		Sqm	1	15.00	5.00	5.10	5.05		75.75
60	90		Sqm	1	15.00	5.10	4.70	4.90		73.50
75	105		Sqm	1	15.00	4.70	5.30	5.00		75.00
90	120		Sqm	1	15.00	5.30	5.20	5.25		78.78
105	128.6		Sqm	1	8.60	5.20	5.40	5.30		45.58
120		2nd main								
		From 3rd Cross to Havyaka Nagar main Road								
0	30		Sqm	1	30.00	6.10	6.80	6.45		193.50
30	60		Sqm	1	30.00	6.80	6.50	6.65		199.50
60	90		Sqm	1	30.00	6.50	6.00	6.25		187.50
90	109.6		Sqm	1	19.60	7.40	6.40	6.90		135.24
		1st main								
		From Sai Nagar 1st Main To 1st Cross Anugraha layout								
0	30		Sqm	1	30.00	5.00	6.10	5.55		166.50
30	60		Sqm	1	30.00	6.10	6.00	6.05		181.50
60	68.2		Sqm	1	8.20	6.00	6.10	6.05		49.61
		Deduction								
		UGD Chambers	Sqm	-15	0.64					-9.54
					Area of Circle=(3.14*0.9^2)/4)=0.64					
		Receiving Chamber	Sqm	-44	0.50	0.50	0.50	0.50		-11.00
									Total Executed Quantity	4522.17
									Quantity Carried to Summary	4522.17

Item no.12 Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision complete as per specifications and directions of the Engineer in charge.

Measurements taken on

						B1	B2	Avg B	(m)	Quantity	Remarks
		muniswamappa layout									
		2nd cross									
		From Collage To Dead End									
0	15		Cum	1	15.00	5.10	6.00	5.55	0.15	12.49	
15	30		Cum	1	15.00	6.00	6.00	6.00	0.15	13.50	
30	45		Cum	1	15.00	6.00	6.10	6.05	0.15	13.61	
45	60		Cum	1	15.00	6.10	6.10	6.10	0.15	13.73	
60	75		Cum	1	15.00	6.10	6.40	6.25	0.15	14.06	
75	90		Cum	1	15.00	6.40	6.40	6.40	0.15	14.40	
90	105		Cum	1	15.00	6.40	6.40	6.40	0.15	14.40	
105	120		Cum	1	15.00	6.40	6.30	6.35	0.15	14.29	
120	135		Cum	1	15.00	6.30	6.30	6.30	0.15	14.18	
135	150		Cum	1	15.00	6.30	6.15	6.23	0.15	14.01	
150	165		Cum	1	15.00	6.15	6.20	6.18	0.15	13.89	
165	180		Cum	1	15.00	6.20	6.00	6.10	0.15	13.73	
180	195		Cum	1	15.00	6.00	5.70	5.85	0.15	13.16	
195	210		Cum	1	15.00	5.70	6.10	5.90	0.15	13.28	
210	225		Cum	1	15.00	6.10	6.20	6.15	0.15	13.84	
225	240		Cum	1	15.00	6.20	5.40	5.80	0.15	13.05	
240	255		Cum	1	15.00	5.40	5.70	5.55	0.15	12.49	
255	270		Cum	1	15.00	5.70	6.00	5.85	0.15	13.16	
270	285		Cum	1	15.00	6.00	6.40	6.20	0.15	13.95	
285	300		Cum	1	15.00	6.40	5.70	6.05	0.15	13.61	
300	305.7		Cum	1	5.70	5.70	5.30	5.50	0.15	4.70	
		muniswamappa layout									
		cross road									
		From 2nd Cross to 1st Cross Road									
0	15		Cum	1	15.00	5.30	4.60	4.95	0.15	11.14	
15	25.2		Cum	1	10.20	4.60	4.70	4.65	0.15	7.11	
		Havyaka Nagar									
		3rd Cross road									
0	24		Cum	1	24.00	6.00	6.00	6.00	0.15	21.60	
		Anugraha layout									
		1st cross road									
		From 1st Main To 2nd main									
0	15		Cum	1	15.00	5.30	5.30	5.30	0.15	11.93	
15	30		Cum	1	15.00	5.30	4.90	5.10	0.15	11.48	
30	45		Cum	1	15.00	4.90	5.20	5.05	0.15	11.36	
45	60		Cum	1	15.00	5.20	5.30	5.25	0.15	11.81	
60	75		Cum	1	15.00	5.30	5.10	5.20	0.15	11.70	
75	90		Cum	1	15.00	5.10	5.30	5.20	0.15	11.70	
90	105		Cum	1	15.00	5.30	5.30	5.30	0.15	11.93	
105	130		Cum	1	25.00	5.30	5.00	5.15	0.15	19.31	

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

	To				(m)	B1	B2	Avg B	(m)	Quantity	Remarks
		2nd cross road									
		From 1st Main To 2nd main									
	15		Cum	1	15.00	4.90	4.60	4.75	0.15	10.69	
	30		Cum	1	15.00	4.60	5.10	4.85	0.15	10.91	
	45		Cum	1	15.00	5.10	4.70	4.90	0.15	11.03	
	60		Cum	1	15.00	4.70	5.00	4.85	0.15	10.91	
	75		Cum	1	15.00	5.00	5.10	5.05	0.15	11.36	
	90		Cum	1	15.00	5.10	4.70	4.90	0.15	11.03	
	105		Cum	1	15.00	4.70	5.30	5.00	0.15	11.25	
	120		Cum	1	15.00	5.30	5.20	5.25	0.15	11.81	
	128.6		Cum	1	8.60	5.20	5.40	5.30	0.15	6.84	
		2nd main									
		From 3rd Cross to Havyaka Nagar main Road									
1	30		Cum	1	30.00	6.10	6.80	6.45	0.15	29.02	
30	60		Cum	1	30.00	6.80	6.50	6.65	0.15	29.93	
60	90		Cum	1	30.00	6.50	6.00	6.25	0.15	28.13	
90	109.6		Cum	1	19.60	7.40	6.40	6.90	0.15	20.29	
		1st main									
		From Sai Nagar 1st Main To 1st Cross Anugraha layout									
1	30		Cum	1	30.00	5.00	6.10	5.55	0.15	24.98	
30	60		Cum	1	30.00	6.10	6.00	6.05	0.15	27.23	
60	68.2		Cum	1	8.20	6.00	6.10	6.05	0.15	7.44	
		Deduction									
		UGD Chambers	Cum	-15	0.64				0.15	-1.43	
					Area of Circle=(3.14*0.92)/4)=0.64						
		Receiving Chamber	Cum	-44	0.50	0.50	0.50	0.50	0.15	-1.65	
									Total Executed Quantity	678.33	
									Quantity Carried to Summary	678.33	

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

					(m)	B1	B2	Avg B	(m)	Quantity	Remarks
Item no.14	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired densitycomplete as per specifications and directions of the Engineer in charge.										
Measurements taken on											
		muniswamappa layout									
		2nd cross									
		From Collage To Dead End									
0	15		Cum	1	15.00	5.10	6.00	5.55	0.25	20.81	
15	30		Cum	1	15.00	6.00	6.00	6.00	0.25	22.50	
30	45		Cum	1	15.00	6.00	6.10	6.05	0.25	22.69	
45	60		Cum	1	15.00	6.10	6.10	6.10	0.25	22.88	
60	75		Cum	1	15.00	6.10	6.40	6.25	0.25	23.44	
75	90		Cum	1	15.00	6.40	6.40	6.40	0.25	24.00	
90	105		Cum	1	15.00	6.40	6.40	6.40	0.25	24.00	
105	120		Cum	1	15.00	6.40	6.30	6.35	0.25	23.81	
120	135		Cum	1	15.00	6.30	6.30	6.30	0.25	23.63	
135	150		Cum	1	15.00	6.30	6.15	6.23	0.25	23.34	
150	165		Cum	1	15.00	6.15	6.20	6.18	0.25	23.16	
165	180		Cum	1	15.00	6.20	6.00	6.10	0.25	22.88	
180	195		Cum	1	15.00	6.00	5.70	5.85	0.25	21.94	
195	210		Cum	1	15.00	5.70	6.10	5.90	0.25	22.13	
210	225		Cum	1	15.00	6.10	6.20	6.15	0.25	23.06	
225	240		Cum	1	15.00	6.20	5.40	5.80	0.25	21.75	
240	255		Cum	1	15.00	5.40	5.70	5.55	0.25	20.81	
255	270		Cum	1	15.00	5.70	6.00	5.85	0.25	21.94	
270	285		Cum	1	15.00	6.00	6.40	6.20	0.25	23.25	
285	300		Cum	1	15.00	6.40	5.70	6.05	0.25	22.69	
300	305.7		Cum	1	5.70	5.70	5.30	5.50	0.25	7.84	
		muniswamappa layout									
		cross road									
		From 2nd Cross to 1st Cross Road									
0	15		Cum	1	15.00	5.30	4.60	4.95	0.25	18.56	
15	25.2		Cum	1	10.20	4.60	4.70	4.65	0.25	11.86	
		Havyaka Nagar									
		3rd Cross road									
0	24		Cum	1	24.00	6.00	6.00	6.00	0.25	36.00	
		Anugraha layout									
		1st cross road									
		From 1st Main To 2nd main									
0	15		Cum	1	15.00	5.30	5.30	5.30	0.25	19.88	
15	30		Cum	1	15.00	5.30	4.90	5.10	0.25	19.13	
30	45		Cum	1	15.00	4.90	5.20	5.05	0.25	18.94	
45	60		Cum	1	15.00	5.20	5.30	5.25	0.25	19.69	
60	75		Cum	1	15.00	5.30	5.10	5.20	0.25	19.50	
75	90		Cum	1	15.00	5.10	5.30	5.20	0.25	19.50	
90	105		Cum	1	15.00	5.30	5.30	5.30	0.25	19.88	
105	130		Cum	1	25.00	5.30	5.00	5.15	0.25	32.19	

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

Executive Engineer

19/8/2021

	To	Description of Work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		2nd cross road									
		From 1st Main To 2nd main									
	15		Cum	1	15.00	4.90	4.60	4.75	0.25	17.81	
	30		Cum	1	15.00	4.60	5.10	4.85	0.25	18.19	
	45		Cum	1	15.00	5.10	4.70	4.90	0.25	18.38	
	60		Cum	1	15.00	4.70	5.00	4.85	0.25	18.19	
	75		Cum	1	15.00	5.00	5.10	5.05	0.25	18.94	
	90		Cum	1	15.00	5.10	4.70	4.90	0.25	18.38	
	105		Cum	1	15.00	4.70	5.30	5.00	0.25	18.75	
	120		Cum	1	15.00	5.30	5.20	5.25	0.25	19.69	
	128.6		Cum	1	8.60	5.20	5.40	5.30	0.25	11.40	
		2nd main									
		From 3rd Cross to Havyaka Nagar main Road									
	30		Cum	1	30.00	6.10	6.80	6.45	0.25	48.38	
	60		Cum	1	30.00	6.80	6.50	6.65	0.25	49.88	
	90		Cum	1	30.00	6.50	6.00	6.25	0.25	46.88	
	109.6		Cum	1	19.60	7.40	6.40	6.90	0.25	33.81	
		1st main									
		From Sai Nagar 1st Main To 1st Cross Anugraha layout									
	30		Cum	1	30.00	5.00	6.10	5.55	0.25	41.63	
	60		Cum	1	30.00	6.10	6.00	6.05	0.25	45.38	
	68.2		Cum	1	8.20	6.00	6.10	6.05	0.25	12.40	
		Deduction									
		UGD Chambers	Cum	-15	0.64				0.25	-2.38	
					Area of Circle=(3.14*0.92)/4)=0.64						
		Receiving Chamber	Cum	-44	0.50	0.50	0.50	0.50	0.25	-2.75	
									Total Executed Quantity	1130.54	
									Quantity Carried to Summary	1130.54	

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

(Chainage) From	To	Description of Work	Unit	No	Breadth (m)	B1	B2	Avg B	Depth (m)	Quantity	Remarks
Item No 21		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		a) 40mm Jelly	Cum	5	0.31				0.40	0.62	
					(3.142X0.63X0.63)/4=0.31						
									Total Executed Quantity	0.62	
									Quantity Carried to Summary	0.62	
		b) 20mm Jelly	Cum	5	0.31				0.40	0.62	
					(3.142X0.63X0.63)/4=0.31						
									Total Executed Quantity	0.62	
									Quantity Carried to Summary	0.62	
		c) Coarse sand	Cum	5	0.31				0.30	0.47	
					(3.142X0.63X0.63)/4=0.31						
									Total Executed Quantity	0.47	
									Quantity Carried to Summary	0.47	
		d) Fine sand	Cum	5	0.31				0.20	0.31	
					(3.142X0.63X0.63)/4=0.31						
									Total Executed Quantity	0.31	
									Quantity Carried to Summary	0.31	
		e) 12 5mm chips	Cum	5	0.31				0.30	0.47	
					(3.142X0.63X0.63)/4=0.31						
									Total Executed Quantity	0.47	
									Quantity Carried to Summary	0.47	

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

Chainage From	Chainage To	Description of work	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No 22		Providing of Geonets for Rain Water Harvesting pit on the filter media as specified and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
			Sqm	5	0.31					1.56	
					(3.142X0.63X0.63)/4=0.31						
									Total Executed Quantity	1.56	
									Quantity Carried to Summary	1.56	

RUDRAPRASAD CONSULTANTS BANGALORE

30/8/2021

Assistant Executive Engineer